

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE044 GKMSE044 091115 9/11/2015 13:00 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	6400
Antimony	7440-36-0	mg/kg dry wt		1300	0.27 J-
Arsenic	7440-38-2	mg/kg dry wt		4200	19
Barium	7440-39-3	mg/kg dry wt		670000	97 J+
Beryllium	7440-41-7	mg/kg dry wt		6700	0.53
Cadmium	7440-43-9	mg/kg dry wt		1700	2.2
Calcium	7440-70-2	mg/kg dry wt			1800
Chromium	7440-47-3	mg/kg dry wt		4300000	5.1
Cobalt	7440-48-4	mg/kg dry wt		1000	11
Copper	7440-50-8	mg/kg dry wt		130000	92
Iron	7439-89-6	mg/kg dry wt		2300000	39000
Lead	7439-92-1	mg/kg dry wt		20000	420
Magnesium	7439-95-4	mg/kg dry wt			2300
Manganese	7439-96-5	mg/kg dry wt		160000	2600
Mercury	7439-97-6	mg/kg dry wt		1000	0.014 J
Molybdenum	7439-98-7	mg/kg dry wt		17000	6 J
Nickel	7440-02-0	mg/kg dry wt		67000	7.3
Potassium	7440-09-7	mg/kg dry wt			1200
Selenium	7782-49-2	mg/kg dry wt		17000	0.66
Silver	7440-22-4	mg/kg dry wt		17000	2.4
Sodium	7440-23-5	mg/kg dry wt			160 J
Thallium	7440-28-0	mg/kg dry wt		33	0.2
Vanadium	7440-62-2	mg/kg dry wt		17000	20
Zinc	7440-66-6	mg/kg dry wt		1000000	630

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE045 GKMSE045 091115 9/11/2015 13:15 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	12000
Antimony	7440-36-0	mg/kg dry wt		1300	0.26 J-
Arsenic	7440-38-2	mg/kg dry wt		4200	56
Barium	7440-39-3	mg/kg dry wt		670000	160 J+
Beryllium	7440-41-7	mg/kg dry wt		6700	1.5
Cadmium	7440-43-9	mg/kg dry wt		1700	3.2
Calcium	7440-70-2	mg/kg dry wt			5800
Chromium	7440-47-3	mg/kg dry wt		4300000	11
Cobalt	7440-48-4	mg/kg dry wt		1000	12
Copper	7440-50-8	mg/kg dry wt		130000	280
Iron	7439-89-6	mg/kg dry wt		2300000	70000
Lead	7439-92-1	mg/kg dry wt		20000	1400
Magnesium	7439-95-4	mg/kg dry wt			4300
Manganese	7439-96-5	mg/kg dry wt		160000	2800
Mercury	7439-97-6	mg/kg dry wt		1000	0.17
Molybdenum	7439-98-7	mg/kg dry wt		17000	16 J
Nickel	7440-02-0	mg/kg dry wt		67000	9.1
Potassium	7440-09-7	mg/kg dry wt			2400
Selenium	7782-49-2	mg/kg dry wt		17000	2.3
Silver	7440-22-4	mg/kg dry wt		17000	8.5
Sodium	7440-23-5	mg/kg dry wt			230 J
Thallium	7440-28-0	mg/kg dry wt		33	0.5
Vanadium	7440-62-2	mg/kg dry wt		17000	44
Zinc	7440-66-6	mg/kg dry wt		1000000	1100

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Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE046 GKMSE046 091115 9/11/2015 13:30 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	12000
Antimony	7440-36-0	mg/kg dry wt		1300	0.46 J-
Arsenic	7440-38-2	mg/kg dry wt		4200	46
Barium	7440-39-3	mg/kg dry wt		670000	150 J+
Beryllium	7440-41-7	mg/kg dry wt		6700	1.5
Cadmium	7440-43-9	mg/kg dry wt		1700	2.9
Calcium	7440-70-2	mg/kg dry wt			4200
Chromium	7440-47-3	mg/kg dry wt		4300000	9.8
Cobalt	7440-48-4	mg/kg dry wt		1000	10
Copper	7440-50-8	mg/kg dry wt		130000	250
Iron	7439-89-6	mg/kg dry wt		2300000	69000
Lead	7439-92-1	mg/kg dry wt		20000	960
Magnesium	7439-95-4	mg/kg dry wt			3300
Manganese	7439-96-5	mg/kg dry wt		160000	1700
Mercury	7439-97-6	mg/kg dry wt		1000	0.12
Molybdenum	7439-98-7	mg/kg dry wt		17000	12 J
Nickel	7440-02-0	mg/kg dry wt		67000	8.8
Potassium	7440-09-7	mg/kg dry wt			1900
Selenium	7782-49-2	mg/kg dry wt		17000	1.8
Silver	7440-22-4	mg/kg dry wt		17000	7
Sodium	7440-23-5	mg/kg dry wt			220 J
Thallium	7440-28-0	mg/kg dry wt		33	0.45
Vanadium	7440-62-2	mg/kg dry wt		17000	39
Zinc	7440-66-6	mg/kg dry wt		1000000	950

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